

FIG. 2

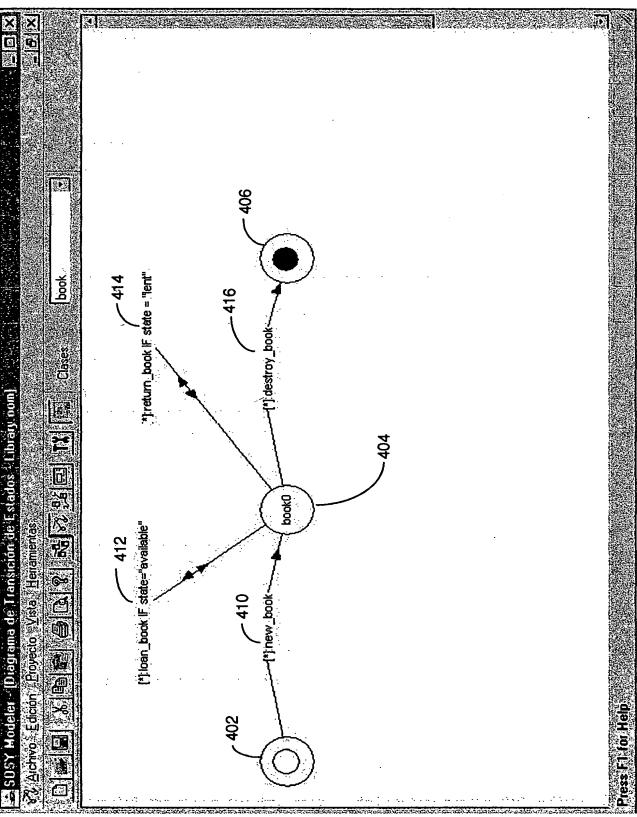
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AUTOMATIC SOFTWARE PRODUCTION SYSTEM INVENTOR: IBORRA AND PASTOR SERIAL NO. 09/872,087 FILING DATE: 06/01/01 DOCKET NO. CHG-001.2P

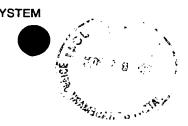
19.

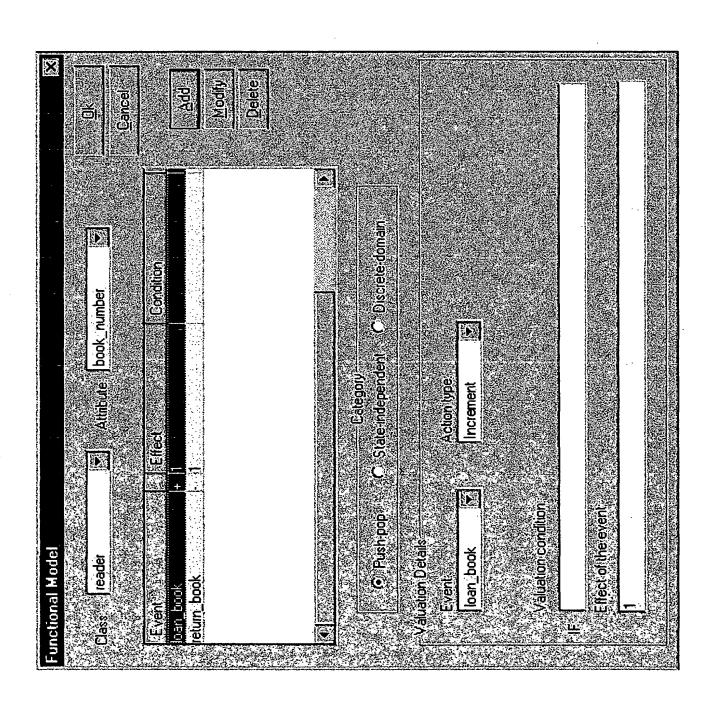




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FIG. 4B





FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES OF SYSTEM LÖGIC TRANSLATORS WILL PREFORM

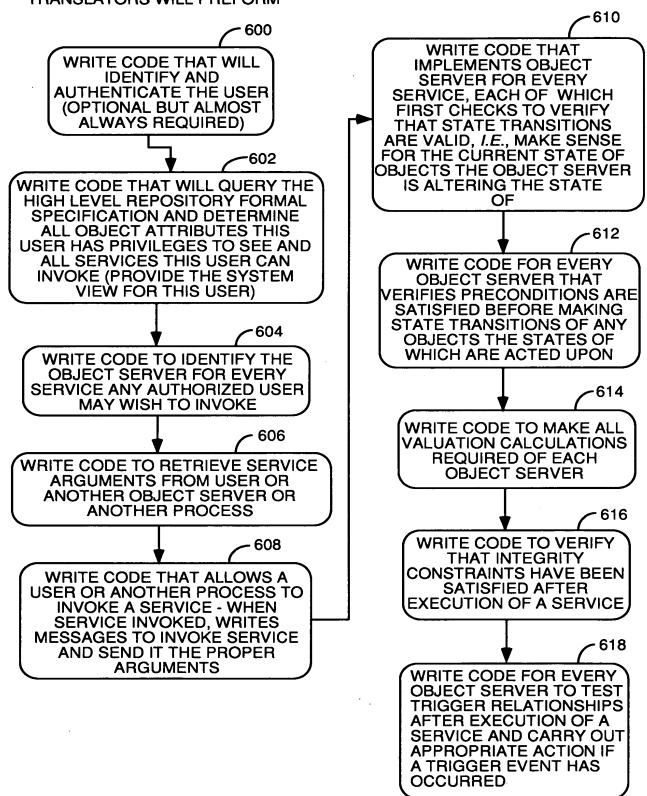


FIG. 6

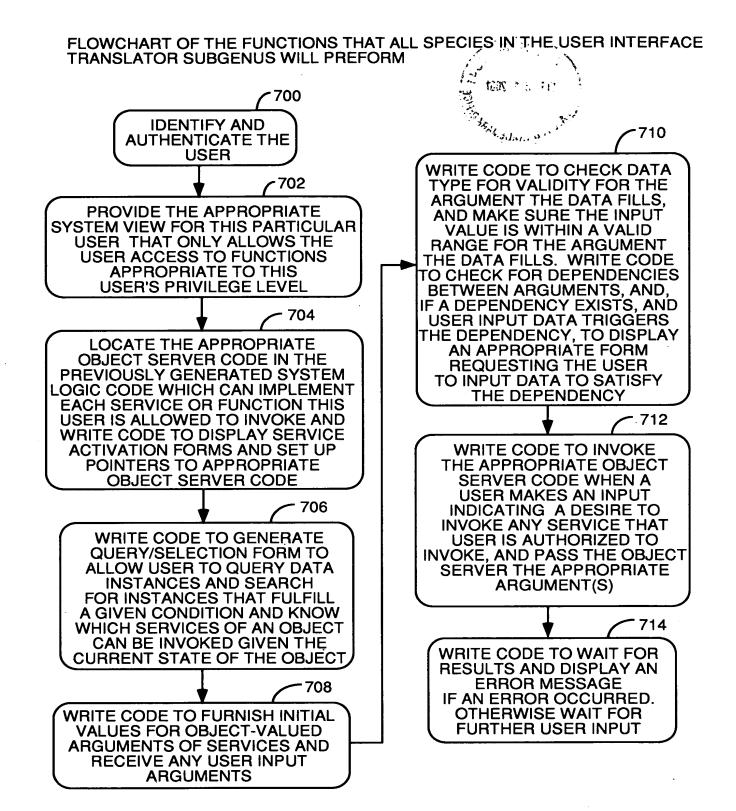


FIG. 7

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DATABASE GENERATOR TRANSLATOR SUBGENUS WILL PERFORM

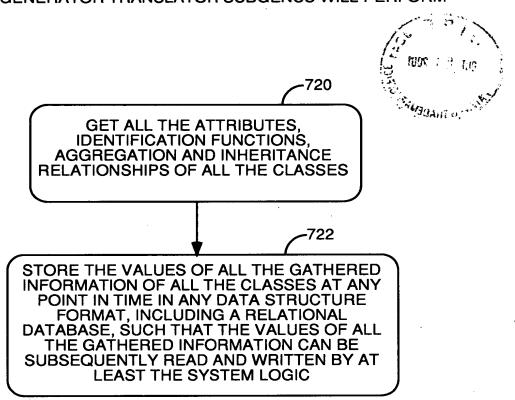
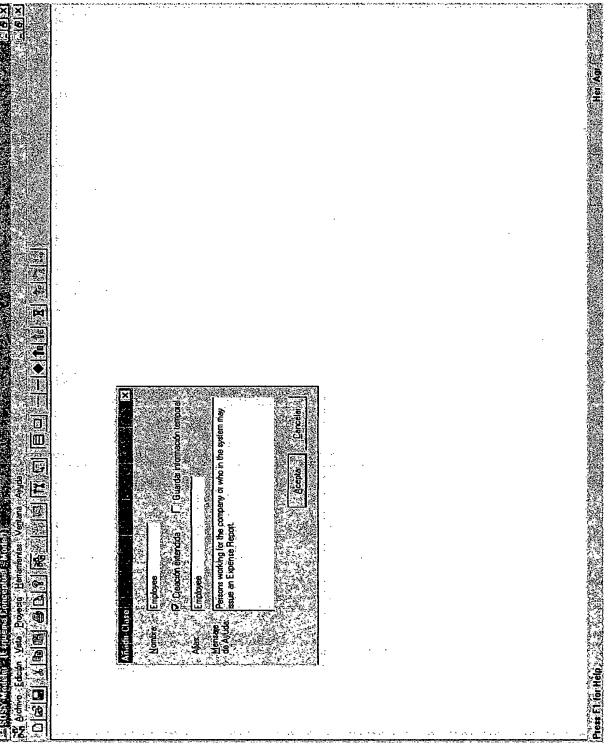


FIG. 8

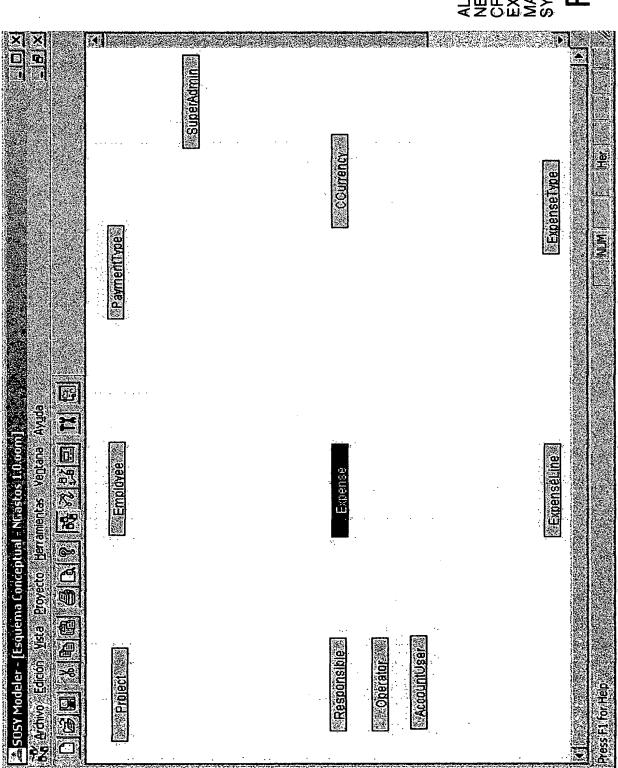


CLASS CREATION DIALOG



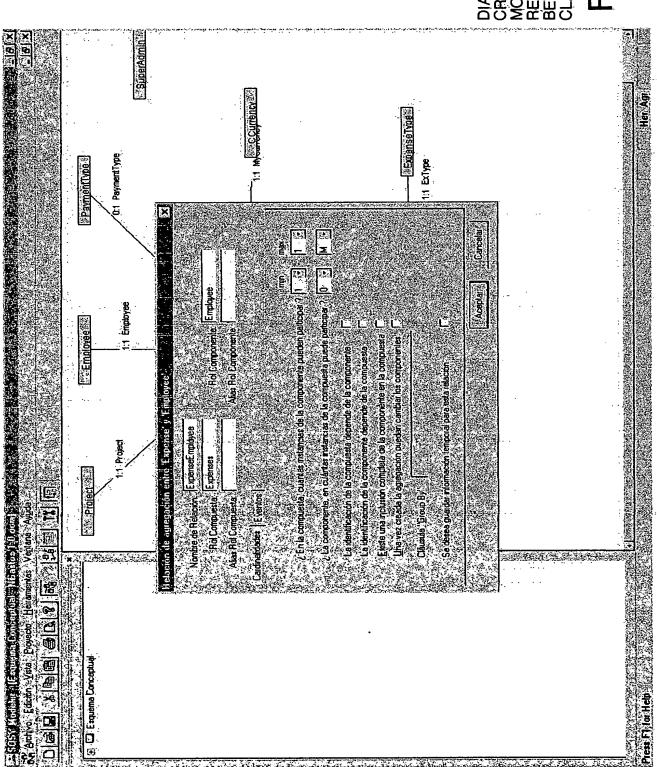


ALL CLASSES
NEEDED AND
CREATED IN
EXPENSE
MANAGEMENT
SYSTEM
FIG. 9B





CREATE AND MODIFY RELATIONSHIPS BETWEEN CLASSES





GRAPHIC DIALOG TO CREATE RELATIONSHIPS RELATIONSHIPS SO CREATED CLASSES AND GRAPHICAL SHOW THE BETWEEN

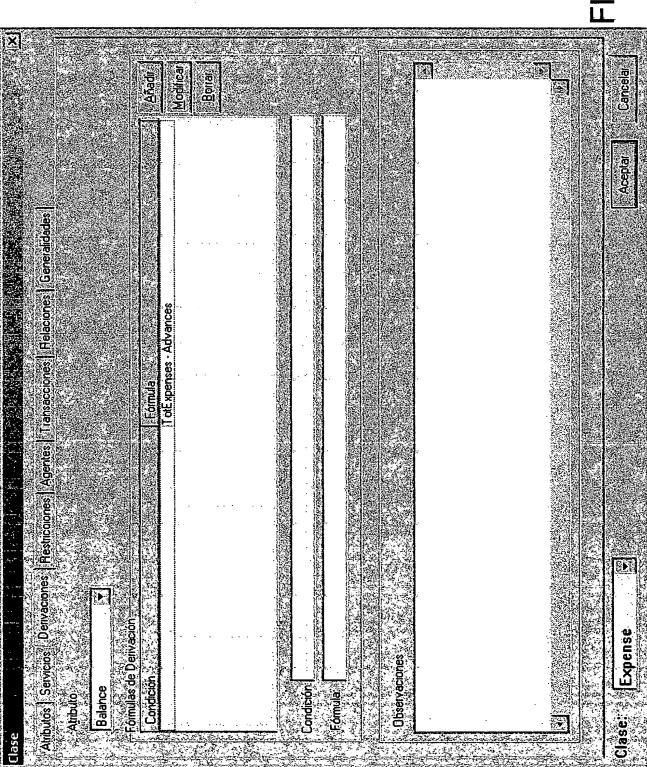
FIG. 10 SuperAdmin Her Agr ExpenseType 3 **PaymentType** Expense Currency 1:1 Expenses TPay ExpenseEmplayee fentana Ayuda 505Y Modeler - [Esquema Conceptual - NGastos 1:0.00m] ExpenseLines ExpenseLine Employee <u>⊼</u> <u>⊠</u> pensesProject <u>a</u> 80 8 % R. Brchivo Edición Vista Responsible Project Operator Press F1. for Help



FIG. 11A

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FIG. 11B





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DIALOG TO DEFINE FORMULA FOR "DELETEALL" TRANSACTION

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FILING DATE: 06/01/01
DOCKET NO. CHG-001.2P

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INTEGRITY CONSTRAINTS OF EXPENSE CLASS

FIG. 14 Acentar Expense

Clase:

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DIALOG BOX TO CREATE EVALUATION OF "CAUSE" ATTRIBUTE WITH THE "MODIFY" EVENT TO FORM PART OF FUNCTIONAL MODEL

Modificar <u>B</u>orrar Cancelar 🗒 (Inferir para el resto de atributos C De Siluación Cause De Estado e Electo del evento: r-Detalles de Evalt Clase Expense Modelo Funcional p_Cause Evento: modify

AGENT RELATIONSHIP DIALOG THAT CAN BE USED TO SET WHICH SERVICES "ACCOUNT USE" CAN ACCESS AND VISIBILITY OF CLASS ATTRIBUTES FOR THIS USER i,7.,

FIG. 16 Aceptar Expense. TotExpensesCur Expense PayComments Expense PaymentDate Expense TotExpenses Expense. PresentDate Expense AuthoDate xpense.Advances xpense Status

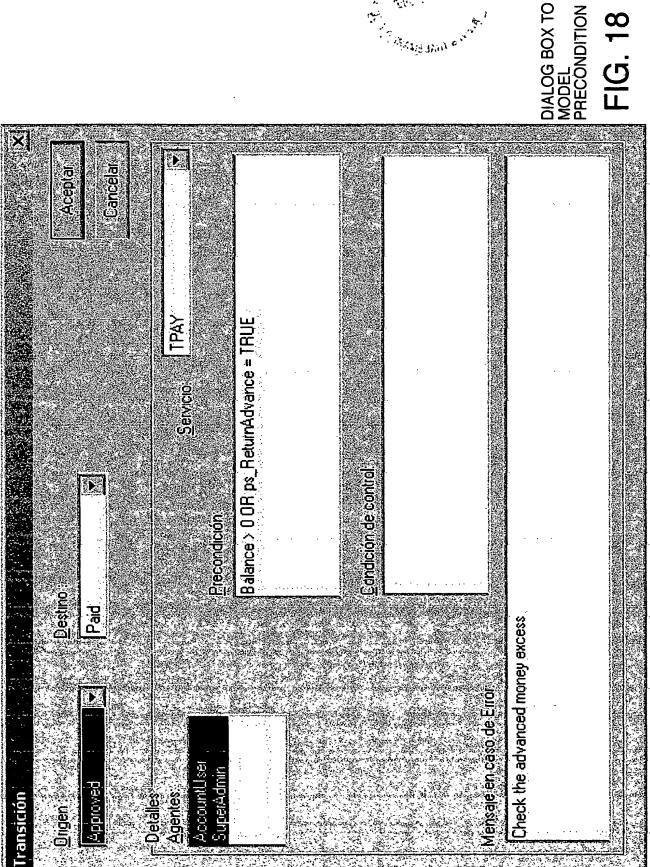
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STATE TRANSITION DIAGRAM FOR CLASS "EXPENSE"

FIG. 17

9 TPAY F Expense Paid [*]:cancelapprove . Clases: (*):modify *) DELETEALL Autho Opened rejectautho rejectpayment 0 Closed & Archivo Edición Provecto 505Y Modeler -Press F1 for Help

DIALOG BOX TO MODEL PRECONDITION



SED BY
A SET OF
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TOLASS

DIALOG BOX USED BY
SOSY MODELER
TO ESTABLISH A SET OF
ATTRIBUTES
TO BE DISPLAYED FOR
THE "EXPENSE" CLASS

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<u>:G</u>. 19

DIALOG BOX USED BY
SOSY MODELER
TO ESTABLISH THE
SEARCHING CRITERIA
FOR THE EXPENSE
CLASS AND TO ESTABLISH
THE FILTER FORMULA
TO USE AND THE
VARIABLES TO REQUEST
THE USER TO ENTER

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FIG. 20

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DOCUMENTATION GENERATOR TRANSLATOR SUBGENUS WILL PERFORM

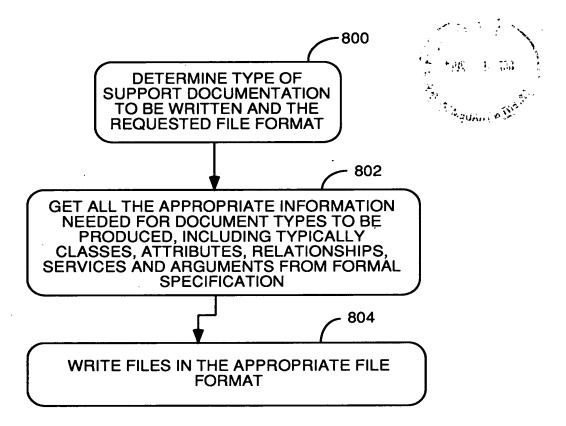


FIG. 21